JC03 Rec'd PCT/PTO 13 JUN 2005 S DOCKET NO: 050337

U.S. DEPARTMENT OF COMMERCE	DATE: June 13, 2005								
TRANSMITTAL LETTER TO THE UNIT (DO/EO/US) CONCERNING	u.s. 110 1. 105138916								
INTERNATIONAL APPLICATION NO.: PCT/JP03/16600	INTERNATIONAL FILING DATE: December 24, 2003	PRIORITY DATE CLAIMED: December 24, 2002							
TITLE OF INVENTION: MARKER PROTEINS FOR DIAGNOSING LIVER DISEASE AND METHOD OF DIAGNOSING LIVER DISEASE USING THE SAME									
APPLICANT(S) FOR DO/EO/US: Fumio NOMURA, Kazuyuki SOGAWA, Takeshi TOMONAGA, Takenori OCHIAI, Hideaki SHIMADA, Tatsuya OHASHI and Katsuhiro KATAYAMA									
Applicant hereby submits to the United S	States Designated/Elected Office (DO/EO/US) the fo	ollowing items and other information:							
1. XX This is a FIRST submission of	items concerning a filing under 35 U.S.C. 371.								
2 This is a SECOND or SUBSEQ	UENT submission of items concerning a filing und	er 35 U.S.C. 371.							
3. XX This is an express request to begin national examination procedures (35 USC 371(f)) at any time rather than delay examination until the expiration of the time limit set in 35 USC 371(b) and PCT Articles 22 and 39(1).									
XX A proper Demand for Internation date.									
5. XX A copy of the International App	A copy of the International Application as filed (35 U.S.C. 371(c)(2)):								
b. XX has been transmitted	b. XX has been transmitted by the International Bureau.								
6. XX A translation of the Internation	XX A translation of the International Application into English (35 U.S.C. 371(c)(2)).								
7. XX Amendments to the claims of	XX Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))								
b have been transmitte c have not been made	b have been transmitted by the International Bureau.c have not been made; however, the time limit for making such amendments has NOT expired.								
8 A translation of the amendmen	A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).								
9. XX An oath or declaration of the in	nventor(s) (35 U.S.C. 371(c)(4)).								
10. XX A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). (7 Sheets)									
ITEMS 11. TO 16. BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:									
11. XX An Information Disclosure Statement under 37 CFR 1.97 and 1.98 together with PTO-1449 and International Search Report. 12. XX a. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. XX b. ASSIGNEE(s) NAME(s) AND ADDRESS NITTO BOSEKI CO., LTD., Fukushima-shi, Japan Please publish the assignee data with the application.									
13. XX A FIRST preliminary amendme A SECOND or SUBSEQUENT									
14 A substitute specification.									
15 A change of power of attorney	and/or address letter.								
16. XX Other items or information: 8	6. XX Other items or information: 8 Sheets of Drawings, Sequence Listing Declaration with Paper (2 Sheets) and disk form of listing								

JC17 Rec'd PCT/PTO 13 JUN 2005 ATTORNEY'S DOCKET NO:050337

U.S. APPLICATION NO. (if known)					DATE: June 13, 2005			
17. X The following fees are submitted:						CALCULATIONS	PTO USE ONLY	
Basic National Fee (37 CFR 1.492(a)(1)-(5):						300.00	\$ 300.00	
Search Fee - all other situations						500.00		
National Stage Search Fee - U.S. was the ISA						.00.00		
National Stage Search Fee - search report prepared and provided to USPTO\$40						00.00	\$ 400.00	
Examination Fee - all other situations						200.00	\$ 200.00	
National Stage Examination Fee - U.S. was IPEA and, all claims satisfy PCT Article 33(1)-(4)								
ENTER APPROPRIATE BASIC FEE AMOUN						UNT =	\$ 900.00	
_ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). the fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.								
Total Sheets	Extra sheets					ATE		
58 -100 =	/ 50 =	ē		x \$2		50.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 20 30 months from the earliest claimed priority date (37 DVR 1.492(e)).								
CLAIMS	NUMBER F	FILED NUMBER EXTRA RATE						
TOTAL	47 - 20	=	27	X \$ 50.00		\$1350	0.00	
INDEPENDENT	3 - 3	=		X \$ 200.00				
Multiple dependent claims(s) (if applicable) + \$360.00						\$ 360	0.00	
TOTAL OF ABOVE CALCULATIONS =					NS =	\$2610	0.00	
	1/2 for filing by sn R 1.9, 1.27, 1.28		ty, if applicable.					
SUBTOTAL =					\$2610).00		
Processing fee of \$130.00 for furnishing the English translation later than20 and months from the earliest claimed priority date (37 CFR 1.492(f)). +					10000			
TOTAL NATIONAL FEE =				\$2610	0.00			
		Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			I		I i	
assignment n			y an appropriate cover	sheet (37 CF		\$ 40	0.00	
assignment n			y an appropriate cover s	sheet (37 CF	rty +	\$ 40 \$2650		
assignment n			y an appropriate cover s	sheet (37 CF 00 per prope	rty +	\$2650	0.00 nt to be:	\$
assignment n			y an appropriate cover s	sheet (37 CF 00 per prope	rty +	\$2650	0.00	\$

JC17 Rec'd PCT/PTO 13 JUN 2005 ATTORNEY'S DOCKET NO: 050337

U.S. APPLICATION NO. 530 INTERNATIONAL APPLICATION NO. DATE: June 13, 2005 PCT/JP03/16600 (if known) A check in the amount of \$2650.00 to cover the above fees is enclosed. (\$300.00 for basic fee, \$400.00 for search fee, a. XX \$200.00 for examination fee, \$1350.00 for extra claims, \$360.00 for multiple dependent claims and \$40.00 for assignment.) (This paper is filed in triplicate) Please charge my Deposit Account No. 01-2340 in the amount of \$___ to cover the above fees. (A duplicate copy of this sheet is enclosed.) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to c. XX Deposit Account No. 01-2340. Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) NOTE: must be filed to request that the application be restored to pending status. Send All Correspondence To: Armstrong, Kratz, Quintos, Hanson & Brooks, LLP Suite 1000,1725 K Street, N.W. Washington, D. C. 20006 Tel: (202) 659-2930 Fax: (202) 887-0357 Typed or Printed Name Donald W. Hanson Reg. No. 27,133 June 13, 2005 Date: Signature

DWH/jaz